

## CLAIMS

Therefore, having thus described the invention at least the following  
is claimed:

- 1           1.     An wild animal control apparatus, comprising:  
2                     an attractant configured to entice a target wild animal to  
3                             consume the wild animal control apparatus;  
4                     a trigger covered by a portion of the attractant configured to  
5                             dissolve in an predetermined having a predetermined pH;  
6                             and  
7                     a subduing agent coupled to the trigger configured to subdue  
8                             the wild animal that consumes the wild animal control  
9                             apparatus once fluids in the digestive system of the wild  
10                             animal having the predetermined pH cause the trigger to  
11                             dissolve, wherein the subduing agent is activated and the  
12                             wild animal is subdued.
- 1           2.     The apparatus of claim 1, wherein activation of subduing agent  
2     results in an energy release within the digestive system of the wild animal  
3     sufficient to lead to the death of the wild animal.

1           3.     The apparatus of claim 2, further comprising:  
2                     a nonreactive layer covering the subduing agent to prevent the  
3                     subduing agent from activating prior the dissolving of  
4                     the trigger.

1           4.     The apparatus of claim 3, wherein the subduing agent is a metal  
2     that releases energy in the digestive system of the target wild animal when  
3     placed in contact with fluids in the digestive system.

1           5.     The apparatus of claim 4, wherein the metal is sodium.

1           6.     The apparatus of claim 4, wherein the metal is potassium.

1           7.     The apparatus of claim 4, wherein the metal is lithium.

1           8.     The apparatus of claim 3, wherein the subduing agent is a  
2     chemical substance that releases energy in the digestive system of the target  
3     wild animal resulting from a chemical reaction with fluids in the digestive  
4     system.

1           9.     The apparatus of claim 2, wherein the subduing agent is a  
2     percussion device that releases energy in the digestive system of the target  
3     wild animal causing terminal damage upon the dissolving of the trigger.

1           10.    The apparatus of claim 9, wherein percussion device is a  
2     blasting cap.

1           11.    The apparatus of claim 9, wherein the percussion device is  
2     detonated upon dissolution of the trigger causing a power source to come  
3     into electrical communication with the blasting cap.

1           12.    The apparatus of claim 1, wherein the subduing agent  
2     comprises a compressed sponge that expands upon dissolution of the trigger  
3     to create a blockage within the digestive system of the wild animal  
4     sufficient to lead to the death of the wild animal.

1           13.    The apparatus of claim 12, wherein trigger is a dissolvable  
2     wrapping configured to restrict expansion of the sponge until dissolution of  
3     a portion of the trigger.

1           14. The apparatus of claim 1, wherein the subduing agent  
2 comprises a cutting device that inflict terminal damage to the wild animal  
3 when released by the trigger.

1           15. A method for subduing a wild animal with a wild animal  
2 control apparatus, comprising the steps of:  
3           attracting the wild animal to the wild animal control apparatus  
4           so that the wild animal is enticed to consume the wild  
5           animal control apparatus; and  
6           initiating a release of energy within digestive system of the  
7           wild animal from a subduing agent upon consumption of  
8           the wild animal control apparatus upon the dissolution of  
9           a trigger that activates in a predetermined pH  
10          environment, wherein the release of energy inflicts  
11          terminal damage on the wild animal that leads to the wild  
12          animals death.

1           16.    The method of claim 15, further comprising the step of:  
2                   preventing premature energy release from the subduing agent  
3                            by a material covering the subduing agent, wherein the  
4                            material covering the subduing agent that ultimately  
5                            dissolves upon dissolution of the trigger.

1           17.    The method of claim 15, wherein the release of energy is  
2    caused by a reaction between at least the fluids in the digestive system and  
3    the subduing agent that is comprised of one or more of sodium, potassium,  
4    and lithium metals.

1           18.    The method of claim 15, further comprising the step of:  
2                   communicating an electric charge to the subduing agent,  
3                            wherein the subduing agent is a percussion device that  
4                            detonates upon receipt of the electric charge causing  
5                            terminal damage to the wild animal.

1           19.   A wild animal controller, comprising:  
2                   an incapacitator configured to permanently incapacitate a wild  
3                   animal upon consumption of the wild animal controller  
4                   when digestive system fluids of the wild animal react  
5                   with the incapacitator such that the reaction results in the  
6                   release of energy within the digestive system of the wild  
7                   animal, wherein the wild animal is permanently  
8                   incapacitated; and  
9                   a cover layer covering at least a portion of the incapacitator, the  
10                  cover layer configured to dissolve when placed in  
11                  chemical communication with digestive system fluids  
12                  having a predetermined pH, wherein the reaction  
13                  between the incapacitator and the digestive system fluids  
14                  commences when at least a portion of the cover layer  
15                  dissolves.

1           20.   A coyote population control apparatus, comprising:  
2                   a bait substance configured to attract the coyote so that the  
3                   coyote ingests the control apparatus, wherein the bait

4 substance is separable from the control apparatus upon  
5 ingestion;

6 a triggering material layered beneath the bait substance that  
7 becomes exposed to the fluids of the digestive system of  
8 the coyote upon ingestion when the bait substance is  
9 separated from the control apparatus and reacts with the  
10 digestive system fluids if the fluids are within a  
11 predetermined pH range and fails to react if the fluids are  
12 not within the predetermined pH range;

13 a subduing agent encased within in a portion of the triggering  
14 material that reacts with the digestive system fluids of  
15 the coyote when a portion of the triggering material  
16 dissolves and allows the digestive system fluids to  
17 chemically communicate with the subduing agent  
18 resulting in an energy release in the digestive system of  
19 the coyote that causes the death of the coyote when the  
20 trigger.

1 21. The coyote population control apparatus of claim 20, wherein  
2 the subduing agent is consumed in the reaction of the digestive system of

3 the coyote so that it is not contained in the carcass of the coyote at a time  
4 when scavenger animals feed on the carcass and does not cause the death of  
5 scavenger animals that feed on the carcass of the coyote after the subduing  
6 agent causes the death of the coyote.